

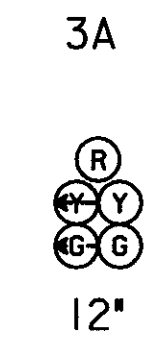
CONSTRUCTION DETAILS

- A. INSTALL 21 FT. STEEL POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, AND SIGNS (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- B. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./60 FT. MAST ARMS, SIGNAL HEADS, PED. HEAD, PUSHBUTTON, SIGNS, 20 FT. STREET LIGHTING ARM, AND 250 HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLY. CHLORIDE CONDUIT BEND).
- C. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./50 FT. MAST ARMS, SIGNAL HEADS, PEDESTRIAN HEAD, SIGN, 20 FT. STREET LIGHTING ARM, AND 250 HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- D. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- E. INSTALL 2-4 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
- F. INSTALL 4 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
- G. INSTALL 3 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- H. "NOT NEEDED"
- I. "NOT NEEDED"
- J. INSTALL HANDHOLE.
- K. INSTALL OVERHEAD VIDEO DETECTION CAMERA.

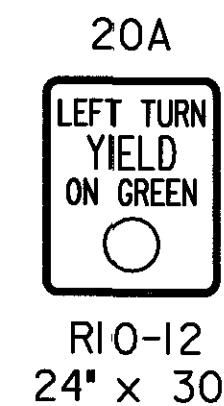
US RT. 1 (BALTIMORE AVE.) IS
ASSUMED TO RUN IN
AN NORTH-SOUTH DIRECTION

OVERHEAD VIDEO
DETECTION CAMERA
A-B

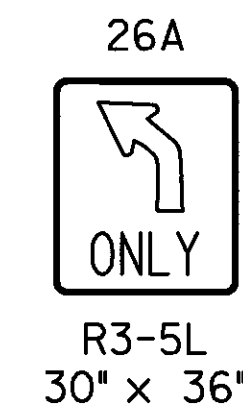
TEMPORARY SIGNALS & SIGN



12"



RI0-12
24" x 30"



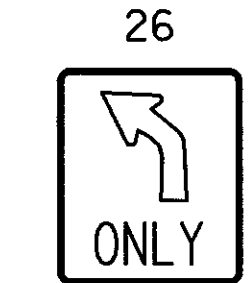
R3-5L
30" x 36"



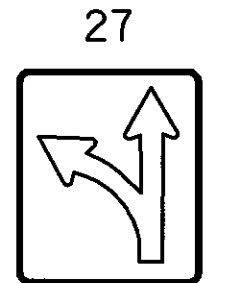
R3-3(2)
24" x 24"



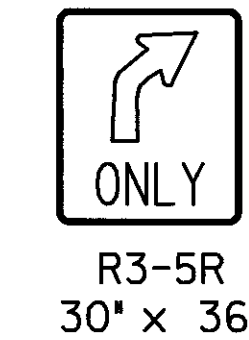
R3-2R
24" x 24"



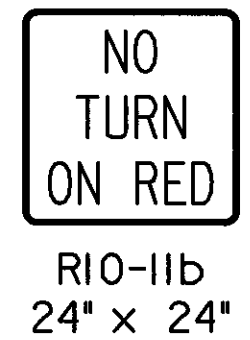
R3-5L
30" x 36"



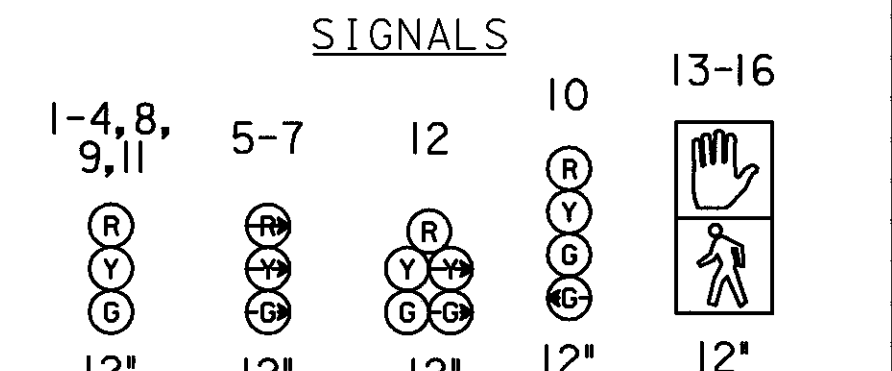
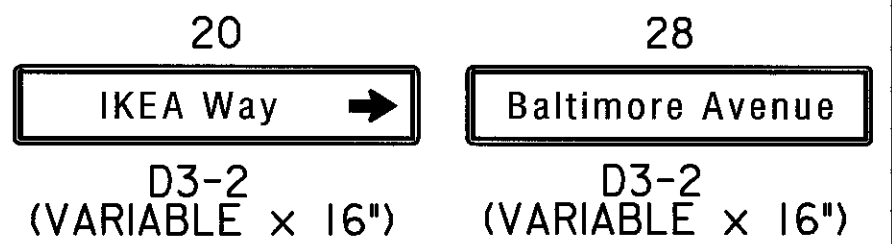
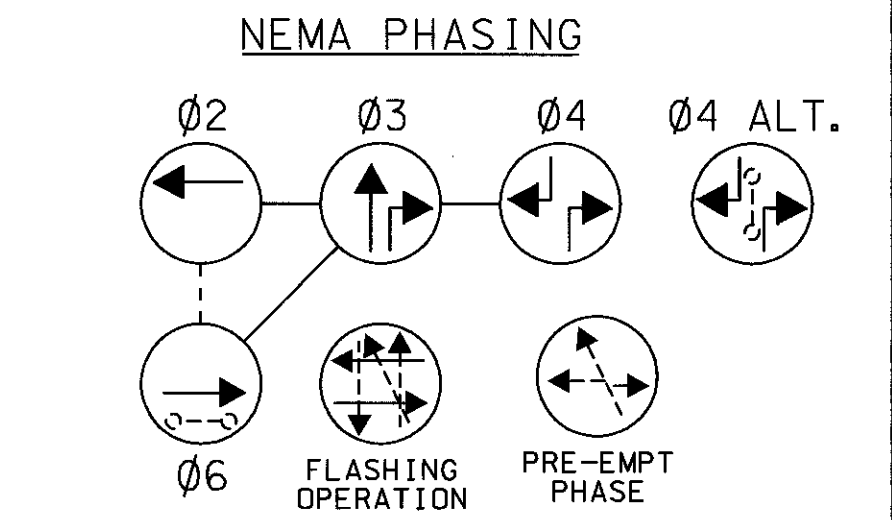
R3-6
30" x 36"



R3-5R
30" x 36"



RI0-11b
24" x 24"



REFER TO
INTERCONNECT
PLANS

REFER TO INTERCONNECT PLANS

US RT. 1
(BALTIMORE AVENUE)

US RT. 1
(BALTIMORE AVENUE)

- L. REMOVE EXISTING CONTROLLER CABINET (NOTE: FOUNDATION TO BE REMOVED 12" BELOW GRADE).
- M. INSTALL NEW NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 2-4 IN. AND 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS). ELECTRICAL SERVICE EQUIPMENT FOR UNDERGROUND FEED.
- N. REMOVE EXISTING STRAIN POLE (NOTE: FOUNDATION TO BE REMOVED 12" BELOW GRADE).
- O. REMOVE EXISTING SPAN WIRE.
- P. REMOVE EXISTING HANDHOLE.
- Q. REMOVE EXISTING CONDUIT.
- R. "NOT NEEDED"
- S. REUSE EXISTING CONDUIT.
- T. REUSE EXISTING HANDHOLE.
- U. REUSE EXISTING LOOP DETECTOR.
- V. NEW UTILITY POLE REPLACING POLE NO. 820432-8904.
- W. ABANDON EXISTING LOOP DETECTOR.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES			
AERIAL CABLE	—A—	A	A
ELECTRIC	—E—	E	E
TELEPHONE	—T—	T	T
GAS	—G—	G	G
SEWER	—S—	S	S
WATER	—W—	W	W
CABLE TV	—TV—	TV	TV



ENGINEERING-PLANNING-EARTH SCIENCES-SURVEYING
GREENHORNE & O'MARA, INC.
810 GLENBAGLES COURT, SUITE 106, BALTIMORE, MARYLAND 21286
(410) 583-6700
ANNAPOLIS/MD-BALTIMORE/MD-ATLANTA/GA-TAMPA/FL-FARFAX/VA-NEXT PALM BEACH/FL
ROCKVILLE/MD-RALEIGH/NC-FREDERICKSBURG/VA-MECHANICSBURG/PA-ST. PETERSBURG/FL

CONSTRUCTION NOTES

- EXISTING SIGNAL OPERATIONS TO BE MAINTAINED AT ALL TIMES
- SIGNAL HEAD LOCATIONS TO BE VERIFIED BY FIELD ENGINEER
- CONTRACTOR SHALL HAVE CATALOG CUTS APPROVED BY THE OFFICE OF TRAFFIC AND SAFETY PRIOR TO PURCHASING EQUIPMENT
- REFER TO SIGNING AND PAVEMENT MARKING PLAN FOR SIGNS AND PAVEMENT MARKINGS
- PEDESTRIAN HEADS 13-16 AND SIGNS 18-20, 27 & 31 TO BE COVERED IN BLACK UNTIL PHASE 2

TS-1

REVISIONS		APPROVALS	
① RECONSTRUCT DUE TO GEOMETRIC IMPROVEMENTS	7/02	ORIGINAL	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
② REPLACE DAMAGED DETECTION	3/97	ON	ASST. DISTRICT ENGINEER, TRAFFIC
③ REPLACE DAMAGED DETECTION	2/96	File	CHEF, TRAFFIC ENGINEERING DESIGN DIVISION
			DIRECTOR, TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
Traffic Signal Plan (MOT Phase 1A)
US RT. 1 (BALTIMORE AVENUE) & I-95 RAMPS/IKEA WAY

DRAWN BY: OOP	F.A.P. NO.	TS NO.	SHEET NO.
CHECKED BY: RWB	S.H.A. NO.	TS-3130D	
SCALE: 1" = 20'	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO.	1 OF 22
DATE: FEBRUARY 11, 1991	LOG MILE: 16000106.53	FILE	

J:\TRANS\DEV-7224\SIGNALS (MOT)\01(P1A).dgn
December 6, 2002 10:00